

AMENDED CLAIMS

Art. 19
REPLACED BY
ART 34 AMDT

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original claims 1-8 replaced by amended claims 1-6 (2 pages)]

1. Orthopaedic device, in particular a prosthesis or
an orthosis, for the purpose of replacing respectively
supporting the function of at least one part of a human limb
with a pivotable joint, for example a leg with a knee or an
arm with an elbow, on either side of which joint there extend
5 respective limb parts, such as a lower leg and an upper leg
respectively a lower arm and an upper arm, which device
comprises:

a structure comprising two substantially rigid parts,
for instance a rod, which parts are coupled to each other by
10 means of hinge means and each comprise fastening means for
optional temporary fastening to a limb part,

wherein a pivot axis of the hinge means extends at
least more or less in the region and in the direction of the
pivot axis zone of the relevant joint,

15 characterized in that

the hinge means comprise two hinges, the respective
pivot axes of which extend in directions which make an angle
with each other of $90^\circ \pm 40^\circ$, preferably $90^\circ \pm 20^\circ$;

in that bounding means are present for limiting to a
20 chosen angular position at least one of the pivoting movements
of at least one of the hinges;

and in that

the fastening means comprise at least two divisible
rings with adjustable periphery, one of which is connected to
25 the one part and the other to the other part, and the bounding
means comprise a flexible, tensively strong element, for
instance a strap or cord, of optionally adjustable length, the
ends of which are connected to these rings such that the
flexible element can bound the pivoting movement of at least
30 one hinge.

2. Device as claimed in claim 1,
characterized in that

the pivot axes are located spatially at a mutual
distance, which distance is chosen such that it corresponds
35 with the pivoting characteristics of the relevant joint.

3. Device as claimed in claim 1,

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characterized in that
the bounding means comprise stop means added to a
hinge.

5 4. Device as claimed in claim 1,
characterized in that
said structure is provided on only one side with
hinge means.

10 5. Device as claimed in claim 1,
characterized in that
the device is a knee orthosis.
6. Device as claimed in claim 1,
characterized in that
the device is a knee-ankle-foot orthosis.